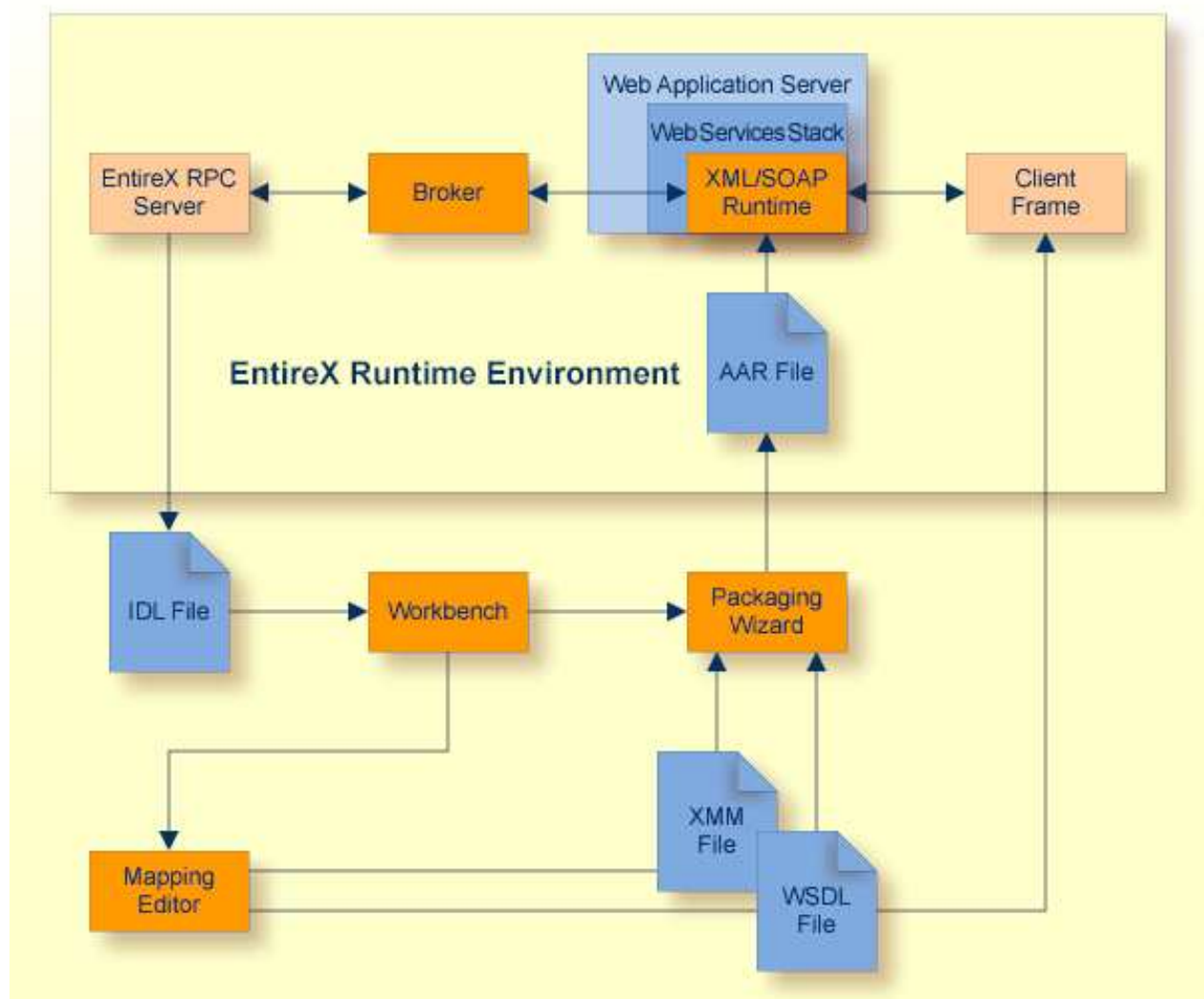


# Connect an Existing EntireX RPC Server with an XML-based Client

This chapter describes how to connect an existing RPC server with an XML-based client, using a Web application that contains the EntireX XML/SOAP Runtime as part of Software AG Common Web Services Stack, or using the Java API of EntireX XML/SOAP Runtime.

- Connect RPC Server with XML-based Client, using a Web Application
- Connect RPC Server with XML-based Client, using the Java API of EntireX XML/SOAP Runtime
- Running the Application

## Connect RPC Server with XML-based Client, using a Web Application



➤ **To generate the application, using a default SOAP mapping for the Web Service**

- Select the IDL file that was used for creating the EntireX RPC server. From the context menu, choose **Web Service > Generate Web Service...** and follow the instructions given by the wizard.

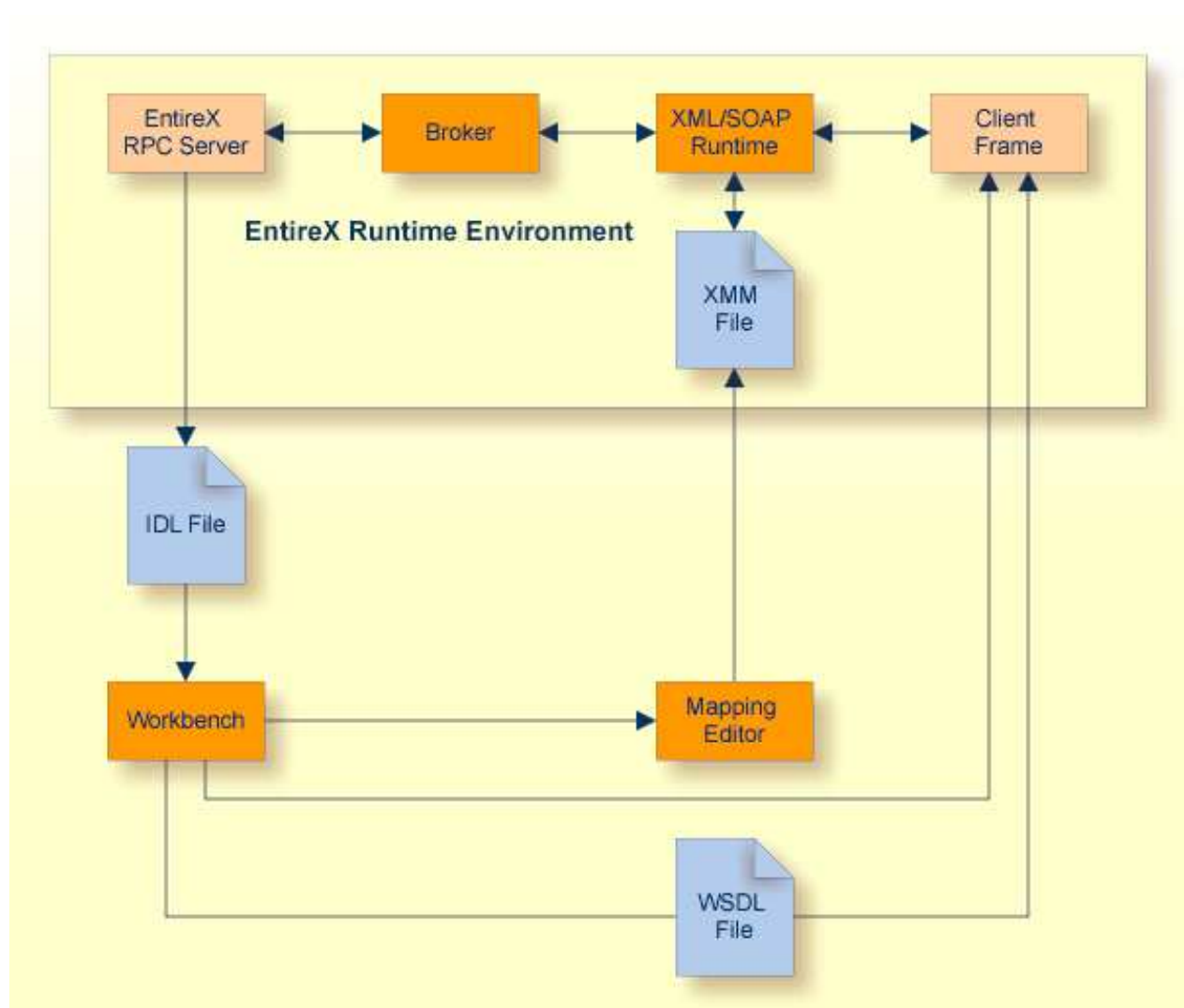
➤ **To generate the application, not using an XML Mapping or a non-Default SOAP Mapping**

1. Select the IDL file that was used for creating the EntireX RPC server and open it with the EntireX XML Mapping Editor.
2. Select the mapping and press **Generate**. Save the mapping file.
3. Depending on the tools used for the generation of the XML-based client, create an XML Schema or WSDL for the generation of the XML-based client.

Select the IDL file, and from the context menu choose **Web Service > Generate Web Service...**

For the generation of the XML Schema file: Select the XMM file and open the context menu. Choose **Generate XML Schema (XSD)...**

## **Connect RPC Server with XML-based Client, using the Java API of EntireX XML/SOAP Runtime**



### ➤ To generate the application

1. Select the IDL file that was used for creating the EntireX RPC server and open it with the EntireX XML Mapping Editor.
2. Select the mapping **SOAP** and press **Generate**. Save the mapping file.
3. Depending on the tools used for the generation of the XML-based client, create an XML Schema or WSDL for the generation of the XML-based client.

Select the IDL file, and from the context menu choose **Web Service > Generate Web Service...**

For the generation of the XML Schema file: Select the XMM file and from the context menu choose **Generate XML Schema (XSD)...**

#### **Note:**

If this is not possible, write an XML-based client.

4. Create an XML-based client with a suitable tool. Follow the instructions on the screen, or *Generate Web Services from Software AG IDL File*.

## Running the Application

### To run the application

1. Start the EntireX Broker (if required).
2. Configure and start the EntireX RPC server (if not started already).
3. Run the client application.